

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended)

A brazing sheet having a brazing filler metal composition and a structure of a sintered powder of at least two or more types of powders, the two or more types of powders being not completely alloyed and in a mixed state, wherein the brazing sheet which is produced by mixing the powders in a predetermined proportion of weight to have the brazing filler metal composition, forming a the mixed powders into a sheet shape by powder roll compaction, and sintering the mixed powders being in the sheet shape wherein the powder of the brazing filler metal composition is not completely alloyed and in a mixed state in the brazing sheet, and the brazing sheet is composed of the brazing filler metal composition.

Claims 2-5 (Canceled)

Claim 6 (Currently Amended)

The brazing sheet according to Claim [[4]] 1 ,
wherein the powder of the brazing filler metal composition is mainly composed of nickel.

Claim 7 (Currently Amended)

The brazing sheet according to Claim [[4]] 1 ,
wherein the powder of the brazing filler metal composition is mainly composed of aluminum.

Claim 8 (Original)

The brazing sheet according to Claim 7, comprising 10 to 15 wt% of silicon.

Claim 9 (Currently Amended)

The brazing sheet according to Claim [[4]] 1,
wherein the powder of the brazing filler metal composition is mainly composed of copper.

Claim 10 (Currently Amended)

The A brazing sheet according to Claim 9 which is produced by forming a powder of a brazing filler metal composition into a sheet shape by powder roll compaction,
wherein the powder of the brazing filler metal composition is not completely alloyed and
in a mixed state in the brazing sheet, and the brazing sheet is composed of the brazing
filler metal composition, wherein the powder of the brazing filler metal composition
comprises a mixture of at least two or more types of powders which are mixed in a
predetermined proportion of weight to have a composition of a brazing filler metal, the
powder of the brazing filler metal composition is mainly composed of copper, and
comprising 4 to 8wt% of phosphorus.

Claims 11-19 (Canceled)

Claim 20 (Currently Amended)

The A method of producing a brazing sheet according to Claim 19, comprising:
rolling a powder of a brazing filler metal composition by powder roll compaction;
and thereby forming the powder into a sheet shape, wherein the powder of the brazing
filler metal composition is a mixture of at least two or more types of powders which are
mixed in a predetermined proportion of weight to have a composition of a brazing filler
metal, the powder of the brazing filler metal composition is mainly composed of copper,
wherein and 4 to 8 wt% of phosphorus is contained in the brazing sheet.

Claim 21 (Currently Amended)

A method of producing a brazing sheet according to Claim 11, comprising:
rolling a powder of a brazing filler metal composition by powder roll compaction;
and thereby forming the powder into a sheet shape, and
further comprising sintering of the powder being in the sheet shape.

Claim 22 (Currently Amended)

A method of producing a brazing sheet according to Claim [[11]] 21, wherein the powder roll compaction is performed by: feeding the powder of brazing filler metal composition into a space formed by a pair of rolling rollers; and sequentially delivering the powder formed in the sheet shape.

Claim 23 (Currently Amended)

A brazing sheet according to Claim 1, wherein the grains of the brazing filler metal are ~~discretely~~ discretely mixed substantially throughout a cross section of the brazing sheet.

Claim 24 (New)

The method of producing a brazing sheet according to Claim 21, wherein the powder of the brazing filler metal composition is a mixture of at least two or more types of powders which are mixed in a predetermined proportion of weight to have a composition of a brazing filler metal.

Claim 25 (New)

The method of producing a brazing sheet according to Claim 24, wherein the powder of the brazing filler metal composition is not completely alloyed and is in a mixed state.

Claim 26 (New)

The method of producing a brazing sheet according to Claim 25, wherein the powder of the brazing filler metal composition is mainly composed of nickel.

Claim 27 (New)

The method of producing a brazing sheet according to Claim 25, wherein the powder of the brazing filler metal composition is mainly composed of aluminum.

Claim 28 (New)

The method of producing a brazing sheet according to Claim 27,
wherein 10 to 15 wt% of silicon is contained in the brazing sheet.

Claim 29 (New)

The method of producing a brazing sheet according to Claim 25,
wherein the powder of the brazing filler metal composition is mainly composed of
copper.